

Governor's
Sustainable Schools
Conference



Green Leaders Make Green Schools

April 1, 2011

**Kay McKeen
SCARCE**



www.scarceecoed.org

Who Are We?



SCARCE is a 501(C)3 not-for-profit,
environmental education organization
headquartered in Glen Ellyn, IL

Kay McKeen is **SCARCE**'s Founder and
President

SCARCE has been teaching and inspiring
people for over **20 years!**

Sustainability

“Meeting the needs of the present without compromising the ability of future generations to meet their own needs.”

*Created in 1987 at the
World Commission on Environment & Development*



moving toward ZERO WASTE

Think Globally Act Locally



Natural Resource Depletion



We Must Move to Resource Conservation,
Pollution Prevention, Renewable Resource Use

Garbage = Natural Resources in the WRONG Place



We NEED to Get to ALL of These

Compost

ReUsables



Recyclables

Electronics

Other Plastics

Rubber

Scrap Metals

Construction Supplies



Leadership & Education Keys to Success

GREEN TEAMS

- Administration
- Teachers
- Support Staff
- Maintenance
- Parents
- Students



Saving Natural Resources

Waste Audits – Identify the problem

Tap & Stack – Reduces wasted space

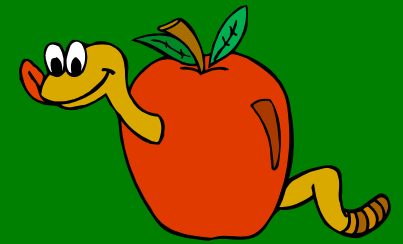


Waste Audit



Tap & Stack

Compost Restores Nutrients Naturally in the Soil



Compost is Decomposed Scraps

- Fruits
- Vegetables
- Grains
- Tea Bags & Coffee Grounds
- Egg Shells
- Grass Clippings

Mixed with

- Dried Leaves
- Small Twigs



Wet “Green” Component
of Compost

Nitrogen



Dry “Brown” Component
of Compost

Carbon



Finished Compost



- Juice pouches
- Candy wrappers
- Cookie wrappers
- Lays brand chip bags
- Ritz chip bags
- Cliff Energy Bar wrappers



- Lunchable containers
- Ziploc bags
- Milk Bottle Buddy containers
- Bare Naked bags
- Stonyfield Yogurt containers



Terracycle.net

Nike Reuse-a-Shoe



SCARCE's Earth Rescue Book Rescue



**Books Diverted from
Landfill for *reuse***

**Textbooks, reading books,
workbooks, teacher
editions**

**FREE to teachers in
schools & non-profits**

Over 4 Million books saved

SCARCE's Earth Rescue Tools for Schools

**Gently-used
supplies/equipment diverted
from landfill for school
classrooms**



**Overhead projectors,
paper, binders, art
supplies, pianos, TVs,
VCRs, carts, desks,
microscopes, more...**

**Project begun with a
grant from Tellabs**

FREE to Teachers!!

Energy Monitoring & Management



Anti-Idling

Illinois Law applies to all
diesel vehicles over
8,000 lb



**NO-IDLE
ZONE**

Healthy Air - Healthy Kids



Call 911 for illegal idling.

Advocate to parent groups
to join the no-idle zone.

Encourage police to
enforce the law.

Sustainability

Greening Your School

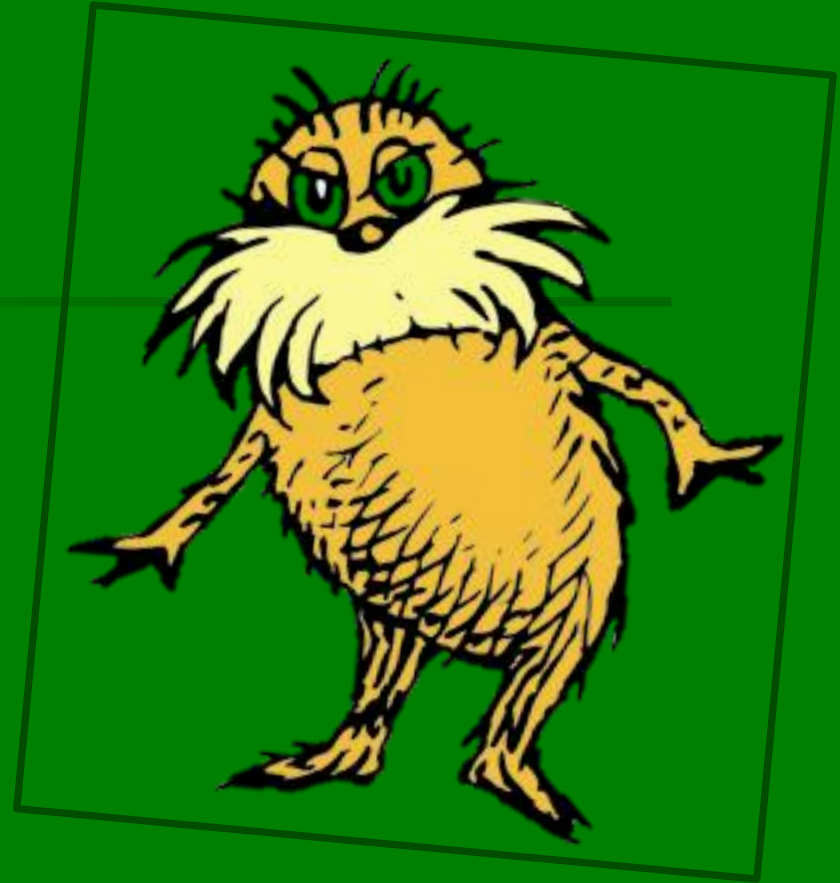
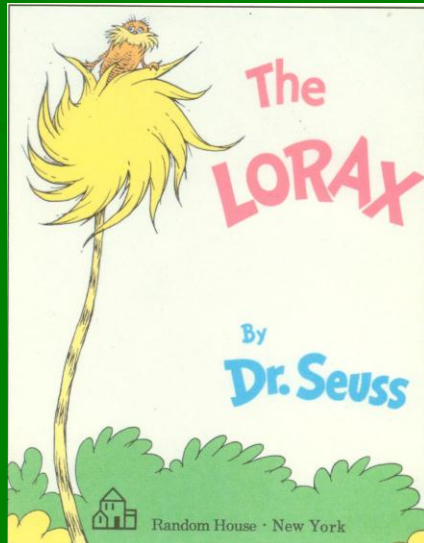
Put up SIGNS to

- Turn off WATER
- Turn off LIGHTS & COMPUTER MONITORS
- Set up BIKE RACKS
- Special Car Pool Parking
- Place a RECYCLING BIN by EVERY Landfill Can
- Conduct waste free lunch – make it a contest
- Collect for Terracycle Brigades
- Begin COMPOSTING food scraps
- Organize Litter Clean-up days for your school grounds



**DOCUMENT EVERYTHING YOU to MAKE IT
a PERMANENT, LASTING PART of
YOUR SCHOOL**

"The word of the Lorax
seems perfectly clear.
UNLESS someone
like you cares a whole
awful lot, nothing is
going to get better.
It's not."





"When we tug at a single thing in nature, we find it attached to the rest of the world."

- John Muir